

## Environmental engineering in action

## Phi (Ireland) Ltd.

### Reinforced Grass

Phi (Ireland) Ltd. provides full design, supply and installation service on all our products.

Our experienced design teams and installation crews provide clients and contractors with optimum peace of mind and minimum risk.



#### Description

Reinforced Grass or Grass Protection Paving are systems used to reinforce soil for heavy loading or occasional traffic, while still allowing vegetation growth.

We have a number of different systems, for various budgets and applications. These systems are manufactured from either recycled UV stabilised Polyethylene or HDPE. Colours are either green or black, depending on system. We have open structured systems which allow better vegetation but are not as strong structurally and we also have systems in the form of paviours which are stronger. Depth ranges from 45mm to 200mm depending on the system chosen.

Reinforced Grass should be laid on a levelled blinding layer on an optional layer of geotextile/membrane all over a compacted hardcore base.

#### Benefits

- φ Blends harmoniously into the environment.
- φ Up to 90% of the surface is grassed.
- φ Green finish — not visible through grass.
- φ Can be filled with gravel to provide alternative finish.
- φ Reinforces soil to increase load capacity.
- φ No additional surface water drainage required.
- φ Quick to install.
- φ Cost effective.
- φ Can be lifted and reused.

#### Uses

- φ Fire access ways
- φ Car parking
- φ Footpaths
- φ Golf & amenity tracks
- φ Agricultural entrances
- φ Erosion control
- φ Gate and style entrances

